

# ON A NEW SPECIES OF *PHLEBOTOMUS* FROM JAPAN

BY

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*Phlebotomus squamirostris*, n. sp.

*Superior claspers of the male with two pairs of stout spathuliform spines, the proximal pair arising from a well-developed tubercle. Terminal segment of the palpi slightly longer than the fourth. Rostrum (labium) densely scaly.*

*Male.* Abdominal hairs recumbent and uniformly pale ochraceous as on other parts of the body. Wings faintly iridescent; costal hairs scarcely darker than the rest. Rostrum (labium) (fig. 1 *e*) densely clothed with long, forwardly directed, non-deciduous scales. Antennae with relatively long segments, and short, unilateral, geniculated spines; third segment (fig. 1 *a*) projecting beyond the tip of the proboscis to a distance of 0.1 mm. or more, the geniculated spine placed near the distal fourth. The spine on the other segments is placed proximally a little in advance of the articulation (fig. 1 *b*). Palpi rather robust; the third segment distinctly incrassate, the fifth about one-third longer than the fourth; formula 1 (2, 4), 3, 5. Wings (fig. 1 *c*) lanceolate; the anterior branch of the second long vein about equal in length to the distance between the forks. Armature (fig. 1 *d*); superior claspers with two pairs of stout spathuliform spines, arranged in two pairs; the first attached to a well-marked tubercle slightly beyond the middle of the segment; the second pair terminal, each arising from a tubercle. Inferior claspers relatively short, and either equal to, or very slightly longer than the proximal segment of the superior claspers.

Length: 2.7 mm.; length of wing: 1.6 mm.; antenna: 2.3 mm.

*Female.* Arrangement of abdominal hairs and colour as in the male; but the body is slightly more robust.

JAPAN:—Agori: July 19th, 1916, 1 ♂ (*Dr. Shinichiro Yamada*);

Matzuyama: June 25th, 1916, 1 ♂, 1 ♀ (*Dr. S. Komatsu*).

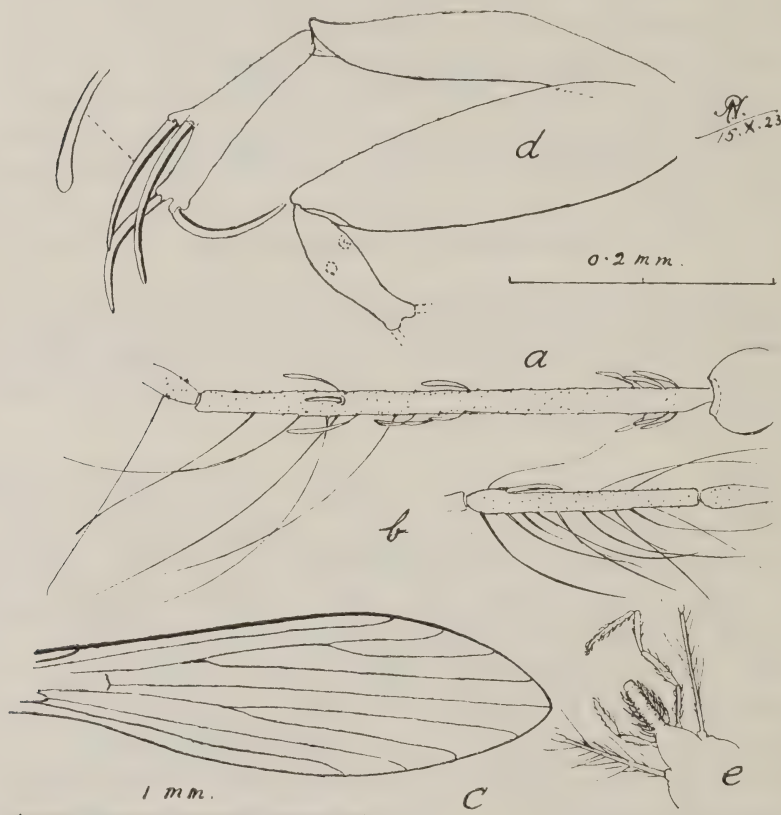


FIG. 1. *Phlebotomus squamirostris*, Newstead. ♂. *a, b*—Antenna; *c*—Wing; *d*—Armature; *e*—Rostrum. *a, b* and *d* to same magnification.

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